

ThinkPad L450 Platform Specifications

Product Specifications Reference (PSREF)

Processor	4th Generation Intel® Core™ i5 or 5th Generation Intel Core i3 / i5 / i7 Processor								Dimensions ³ Weight ²	14.0" (WxDxH): 13.34" x 9.23" x 0.95"; 339mm x 235mm x 24.3mm		
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Speed	Processor Graphics		Models	3-cell	6-cell
	i5-4300U	2	4	1.9 GHz	2.9 GHz	3MB	DDR3L-1600	Intel HD Graphics 4400		Integrated	4.25 lb / 1.93 kg	4.43 lb / 2.01 kg
	i3-5005U			2 GHz	-	3MB		Intel HD Graphics 5500		Discrete	4.30 lb / 1.95 kg	4.50 lb / 2.04 kg
	i5-5200U			2.2 GHz	2.7 GHz	3MB						
	i5-5300U			2.3 GHz	2.9 GHz	3MB						
i7-5500U	2.4 GHz			3 GHz	4MB							
Graphics	Intel HD Graphics 4400 or 5500 in processor only, or Intel HD Graphics 5500 in processor and AMD Radeon™ R5 M240, 2GB memory; supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA)								Case material	PolyCarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic		
Smart card reader	Optional: Smart card reader											
Multicard reader	4-in-1 reader (MMC, SD, SDHC, SDXC)											
Ports	Three USB 3.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector (integrated models only)											
Camera (optional)	HD720p resolution, low light sensitive, fixed focus											
Audio support	HD Audio, Realtek® ALC3232 codec / stereo speakers, 2W x 2 / dual array microphone, combo audio/microphone jack											
Keyboard	6-row, spill-resistant, multimedia Fn keys											
UltraNav™	TrackPoint® pointing device and buttonless Mylar surface touchpad, multi-touch											
Security	Power-on password, hard disk password, supervisor password, security keyhole											
Security chip	Trusted Platform Module, TCG 1.2-compliant											
ThinkEngine	Delivers improved thermal and power efficiency, up to 30 day standby, faster resume time, enhanced security, as well as anti-tampering measures											
vPro (optional)	Intel vPro Technology											
Fingerprint reader	Optional: Fingerprint reader on the keyboard bezel, swipe sensor											
Battery type	Li-Ion 3-cell (23Wh) or 6-cell (48Wh or 72Wh)											
Max battery life ¹⁰	Models	3-cell 23Wh		6-cell 48Wh		6-cell 72Wh						
	Integrated	5.2 hr		10.7 hr		16 hr						
	Discrete	5.1 hr		10.6 hr		15.9 hr						
AC adapter	45W AC adapter or 65W AC adapter											
Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 8.1 Pro 64-bit								Some: Windows 8.1 64-bit			
	• Lenovo Solution Center								Some: Windows 8.1 Pro 64-bit			
	• Lenovo SHAREit								• Lenovo Solution Center			
	• ThinkVantage Product Recovery								• Lenovo SHAREit			
	• Rescue and Recovery™								• Lenovo Companion			
	• ThinkVantage System Update								• ThinkVantage System Update			
	• PC Device Stage								• PC Device Stage			
	• Adobe® Reader®								• Weather Channel			
	• Evernote®								• Evernote			
	• Skype™								• Maxthon Cloud Browser			
	• Maxthon Cloud Browser								• Bing Translator			
	• Microsoft® Office preloaded;								• Norton Studio			
	purchase a product key to activate								• Microsoft Office preloaded;			
	• Norton™ Internet Security (30 days of virus definitions)								purchase a product key to activate			
									• Norton Internet Security (30 days of virus definitions)			
Limited warranty ¹²	One of the following, configurable by model:											
	• 1-year depot repair service											
	• 3-year/1-yr battery depot repair service											
	• 3-year/1-yr battery limited onsite service ²⁴											
	• 3-year/1-yr battery limited onsite service, IWS (International Warranty Service ¹⁷)											
Environment	EPEAT™ Gold; ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant											